

Refine Search

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L6 AND lactate and sulfate	11

Database: US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

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DATE: Saturday, April 29, 2006 [Printable Copy](#) [Create Case](#)

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<u>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</u>				
<u>L7</u>	L6 AND lactate and sulfate		11	<u>L7</u>
<u>L6</u>	L5 AND 562/\$		32	<u>L6</u>
<u>L5</u>	CATION\$ EXCHANGER AND LACTIC ACID		507	<u>L5</u>
<u>DB=USPT; PLUR=YES; OP=ADJ</u>				
<u>L4</u>	3202705.pn.		1	<u>L4</u>
<u>DB=USPT,PGPB; PLUR=YES; OP=ADJ</u>				
<u>L3</u>	('1906068' '2712516' '4275234' '4291007' '4334095' '4771001' '5426219' '5510526' '5641406' '5766439' '5773653' '5780276' '5814498')![pn]		13	<u>L3</u>
<u>DB=USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</u>				
<u>L2</u>	L1 and lactate salt		9	<u>L2</u>
<u>L1</u>	cation exchanger and lactic acid		318	<u>L1</u>

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1. Document ID: US 20030004375 A1

Using default format because multiple data bases are involved.

L7: Entry 1 of 11

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030004375

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030004375 A1

TITLE: Process for producing a purified lactic acid solution

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Mizrahi, Joseph	Haifa	MN	IL
Eyal, Aharon	Jerusalem		IL
Riki, Canari	Jerusalem		IL
Hazan, Betty	Jerusalem		IL
Starr, John N.	Chaska		US

US-CL-CURRENT: 562/589

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawn De
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2. Document ID: US 7026145 B2

L7: Entry 2 of 11

File: USPT

Apr 11, 2006

US-PAT-NO: 7026145

DOCUMENT-IDENTIFIER: US 7026145 B2

TITLE: Process for producing a purified lactic acid solution

PRIOR-PUBLICATION:

DOC-ID DATE

US 20030004375 A1 January 2, 2003

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawn De
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3. Document ID: US 6641734 B2

L7: Entry 3 of 11

File: USPT

Nov 4, 2003

US-PAT-NO: 6641734

DOCUMENT-IDENTIFIER: US 6641734 B2

** See image for Certificate of Correction **

TITLE: Process for purifying an organic acid

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Drawn D](#)

 4. Document ID: US 6509179 B1

L7: Entry 4 of 11

File: USPT

Jan 21, 2003

US-PAT-NO: 6509179

DOCUMENT-IDENTIFIER: US 6509179 B1

TITLE: Continuous process for preparing lactic acid[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Drawn D](#)

 5. Document ID: US 6160173 A

L7: Entry 5 of 11

File: USPT

Dec 12, 2000

US-PAT-NO: 6160173

DOCUMENT-IDENTIFIER: US 6160173 A

TITLE: Process for the recovery of lactic acid esters and amides from aqueous solutions of lactic acid and/or salts thereof[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Drawn D](#)

 6. Document ID: US 6022992 A

L7: Entry 6 of 11

File: USPT

Feb 8, 2000

US-PAT-NO: 6022992

DOCUMENT-IDENTIFIER: US 6022992 A

TITLE: Acid-salt metathetic process

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Drawn D](#)

 7. Document ID: US 5859262 A

L7: Entry 7 of 11

File: USPT

Jan 12, 1999

US-PAT-NO: 5859262
DOCUMENT-IDENTIFIER: US 5859262 A

TITLE: Process for the production of erythorbic acid

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8. Document ID: US 5641406 A

L7: Entry 8 of 11

File: USPT

Jun 24, 1997

US-PAT-NO: 5641406
DOCUMENT-IDENTIFIER: US 5641406 A

TITLE: Lactic acid extraction and purification process

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9. Document ID: US 5168055 A

L7: Entry 9 of 11

File: USPT

Dec 1, 1992

US-PAT-NO: 5168055
DOCUMENT-IDENTIFIER: US 5168055 A

TITLE: Fermentation and purification process for succinic acid

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10. Document ID: US 5143834 A

L7: Entry 10 of 11

File: USPT

Sep 1, 1992

US-PAT-NO: 5143834
DOCUMENT-IDENTIFIER: US 5143834 A

TITLE: Process for the production and purification of succinic acid

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11. Document ID: US 4219508 A

Using default format because multiple data bases are involved.

L7: Entry 11 of 11

File: USPT

Aug 26, 1980

US-PAT-NO: 4219508

DOCUMENT-IDENTIFIER: US 4219508 A

TITLE: Process for the preparation of low molecular weight polyhydroxyl compounds

DATE-ISSUED: August 26, 1980

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wagner; Kuno	Leverkusen			DE

US-CL-CURRENT: 568/387, 252/364, 252/73, 435/243, 435/247, 516/DIG.1, 516/DIG.2,
521/107, 521/116, 521/158, 521/164, 521/168, 528/85, 549/417, 549/450, 549/453,
549/488, 554/223, 560/198, 560/263, 562/553, 562/561, 564/473, 568/388, 568/463,
568/496, 568/679, 568/723, 568/833, 568/852, 568/863

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw. Da
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